

THOMAS N. YOUNG
ANDREW R. BASILE
WILLIAM M. HANLON, JR.
MARSHALL G. MACFARLANE
DONALD L. WOOD
THOMAS D. HELMHOLDT
JASON J. YOUNG
TODD L. MOORE
THOMAS E. BEJIN
KATHLEEN G. MELLON
DENISE M. GLASSMEYER
JULIA CHURCH DIERKER
DARLENE P. CONDR
CHRISTOPHER A. MITCHELL
MOLLY BASILE MARKLEY
CHRISTIAN J. GARASCIA
ERIC L. DOYLE
ARTHUR E. GOODING, PH.D.
MICHELLE L. KNIGHT
RAYMOND C. MEIERS, JR.
AMANDA CONTI DUHAIME

LAW OFFICES
YOUNG & BASILE, P.C.

YOUNG, BASILE, HANLON,
MACFARLANE, WOOD & HELMHOLDT, P.C.
PATENTS, TRADEMARKS AND COPYRIGHTS
3001 WEST BIG BEAVER ROAD
SUITE 624
TROY, MICHIGAN 48064-3107

TELEPHONE (248) 649-3333
FACSIMILE (248) 649-3338
September 17, 2001

09/936692
17 SEP 2001

2001 COMMONWEALTH BLVD.
SUITE 301
ANN ARBOR, MI 48105-1562
TELEPHONE (734) 662-0270
FACSIMILE (734) 662-1014
DAVID B. EHRLINGER (920) 2000

700 HARRIS BUILDING
JACKSON, MI 49201
TELEPHONE (517) 787-4511
FACSIMILE (517) 787-4512
DUNCAN F. BEAMAN, RESIDENT ATTORNEY
TOWNSEND F. BEAMAN (931) 9831

MT. CLEMENS
(810) 469-1141

GRAND RAPIDS
(616) 942-2324

Attorney's Docket: UMJ-105-B

EXPRESS MAIL LABEL NO.:

EL702695891US

Assistant Commissioner of Patents
Washington, D.C. 20231

Applicants:

Peter X. Ma and Anne E. Huber

Title:

IONOMER COMPOSITE COMPOSITIONS

Sir:

Enclosed please find a postcard; Transmittal Letter to the U.S.
Designated/Elected Office Concerning a Filing under 35 U.S.C. 371 (in duplicate); an
Information Disclosure Statement with 1 sheet of Form PTO-1449 and copies of the cited
references; an executed Assignment with Form PTO-1595; (2) executed Combined
Declarations and Powers of Attorney; a check in the amount of \$149.00; and a check in the
amount of \$40.00 in the above-identified application.

☒ **Applicants and the Assignee hereby assert a claim to Small Entity Status.**

Please charge any deficiency or credit any excess fees to Deposit Account
No. 25-0115.

Very truly yours,

YOUNG & BASILE, P.C.


Julia Church Dierker

Enclosures

FORM PTO-1390 (REV. 1-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER UMJ-105-B (UM1667)	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.2em; font-weight: bold;">09/936692</div>	
INTERNATIONAL APPLICATION NO. PCT/US00/06974		INTERNATIONAL FILING DATE 16 March 2000		PRIORITY DATE CLAIMED 17 March 1999	
TITLE OF INVENTION IONOMER COMPOSITE COMPOSITIONS					
APPLICANT(S) FOR DO/EO/US MA, Peter X. and HUBER, Anne E.					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11 to 20 below concern document(s) or information included:					
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 					

U.S. APPLICATION NO. 07/73300 INTERNATIONAL APPLICATION NO. PCT/US00/06974

ATTORNEY'S DOCKET NUMBER
UMJ-105-B (UM 1667)21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO. \$1000.00International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO \$860.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00**ENTER APPROPRIATE BASIC FEE AMOUNT =****CALCULATIONS PTO USE ONLY**

\$ 100.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS**NUMBER FILED****NUMBER EXTRA****RATE**

\$

Total claims

31 - 20 =

11

x \$18.00

\$ 198.00

Independent claims

2 - 3 =

x \$80.00

\$

MULTIPLE DEPENDENT CLAIM(S) (if applicable)

+ \$270.00

\$

TOTAL OF ABOVE CALCULATIONS =

\$ 298.00

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above
are reduced by 1/2.

\$

+ 149.00

SUBTOTAL =

\$ 149.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$ 149.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

40.00

TOTAL FEES ENCLOSED =

\$ 189.00

**Amount to be
refunded:**

\$

charged:

\$

- a. ☒ A check in the amount of \$ 189.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 25-0115. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO

Julia Church Dierker
YOUNG & BASILE, P.C.
3001 West Big Beaver Rd.
Suite 624
Troy, Michigan 48084
(248) 649-3333
Fax: (248) 649-3338

SIGNATURE

NAME

Julia Church Dierker

REGISTRATION NUMBER

33368